

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hirohisa TANAKA et al.

Group Art Unit: Not yet assigned

New 35 USC 371 Application
Application No.: Not yet assigned

Examiner: Not yet assigned

Filed: January 7, 2005

For: METHOD FOR PRODUCING EXHAUST GAS PURIFYING CATALYST

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the PTO/SB/08A and PTO/SB/08B forms. It is respectfully requested that the information be considered during the prosecution of this application, and that the references be made of record and appear among the "References Cited" on any issued patent.

Japanese Unexamined Patent Publications JP H5-245372 (with corresponding US Patent No. 5,380,692), JP H5-76762 (with English abstract and English translation), JP H6-100319 (with English abstract and English translation), JP H6-304449 (with English abstract and English translation), JP H7-116519 (with English abstract and English translation), HP H7-299360 (with

OT12 Rec'd PCT/PTO 07 JAN 2005

English abstract and English translation), JP H8-217461 (with English abstract and English translation), JP H8-224446 (with English abstract and English translation), JP 2000-256017 (with English abstract and English translation), along with the following articles: "An Intelligent Catalyst," "Regeneration of palladium subsequent to solid solution and segregation in a perovskite catalyst: an intelligent catalyst," "Time-resolved time-of-flight mass spectrometry with molecular-pulse-probes for analysis of dynamic process in surface catalytic reactions in the millisecond range (I)," "Time-resolved time-of-flight mass spectrometry with molecular-pulse-probes for analysis of dynamic process in surface catalytic reactions in the millisecond range (II)," and "Regeneration of Precious Metals in Various Designed Intelligent Perovskite Catalysts" are hereby submitted.

The following Japanese Unexamined Patent Publications, JP S60-025544 (with English abstract), JP S62-241552 (with English abstract), JP S63-302950 (with English abstract), JP S63-302950 (with English abstract), JP H11-262663 (with English abstract and translation) were cited and characterized in the International Search Report (also attached with a copy of International Publication No. WO 2004/004899).

The following Japanese Unexamined Patent Publications, JP H5-31367 (with corresponding English-language EP 0525677 A1), JP H5-220395 (with English abstract and translation), JP H5-253484 (with English abstract and translation), JP H6-210175 (with English abstract and translation), JP H7-68175 (with English abstract and translation) and JP H7-80311 (with English abstract and translation) are disclosed in the specification and submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not

ST12-0001 PGT/PTO 07 JAN 2005

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

This Information Disclosure Statement is being filed before the issuance of a first Office Action and therefore, no certification or fee is believed required. If any fee is believed to be due, then authorization is given to charge Deposit Account No. 04-1061.

Respectfully submitted,

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Sheet	1
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of 15

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Application Number	Not Yet Assigned
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Filing Date	January 7, 2005
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First Named Inventor	Hirohisa TANAKA
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Art Unit	Not Yet Assigned
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Examiner Name	Not Yet Assigned
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Attorney Docket Number	71465.00011
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP H5-31367 ✓	02-09-1993	Daihatsu Motor		✓
		EP 0525677 A ✓	07-24-1992	Daihatsu Motor		
		JP H5-220395 ✓	08-31-1993	Daihatsu Motor	Abstract	✓
		JP H5-253484 ✓	10-05-1993	Daihatsu Motor	Abstract	✓
		JP H6-210175 ✓	08-02-1994	Daihatsu Motor	Abstract	✓
		JP H7-68175 ✓	03-14-1995	Daihatsu Motor	Abstract	✓

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2	of	5
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		JP H7-80311 ✓	03-28-1995	Daihatsu Motor	Abstract	✓
		JP H5-245372 ✓	09-24-1993	Nakatsuji		✓
		JP H5-76762 ✓	03-30-1993	Nakatsuji	Abstract	✓
		JP H6-100319 ✓	04-12-1994	Tsuji	Abstract	✓
		JP H6-304449 ✓	11-01-1994	Tsuji	Abstract	✓
		JP H7-116519 ✓	05-09-1995	Tsuji	Abstract	✓

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Sheet	3	of	5
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		JP H7-299360 ✓	11-14-1995	Satou	Abstract	✓
		JP H8-217461 ✓	08-27-1996	Tanaka	Abstract	✓
		JP H8-224446 ✓	09-03-1996	Tanaka	Abstract	✓
		JP 2000-256017	09-19-2000	Munakata	Abstract	✓
		JP S60-025544 ✓	02-08-1985	Sakurai	Abstract	
		JP S632-241552 ✓	10-22-1987	Kawai	Abstract	

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Examiner Name	Not Yet Assigned
Attorney Docket Number	71465.00011

Sheet	4	of	5
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		JP S63-302950	12-9-1988	Eto	Abstract	
		JP H11-262663 ✓	9-28-1999	Yamashita	Abstract	✓
		WO 2004/004899 A1	01-15-2004	Hirohisa		

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		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet 5	of 5	Attorney Docket Number 71465.00011	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		TANAKA et al., "An Intelligent Catalyst" SAE Technical Paper Series, SAE 2001 World Congress, Detroit Michigan, March 5-8, 2001	
		TANAKA et al., "Regeneration of palladium subsequent to solid solution and segregation in a perovskite ..." Klower Academic/Plenum Publishers, vol 16/17 nos 1-4 Sept 2001	
		MOTOHIRO et al. "Time-resolved time-of-flight mass spectrometry with molecular-pulse-probes for analysis of dynamic (I)..." Applied Surface Science 121/122 (1997) 319-322	
		MOTOHIRO et al. "Time-resolved time-of-flight mass spectrometry with molecular-pulse-probes for analysis of dynamic (II)..." Applied Surface Science 121/122 (1997) 323-326	
		KAJITA et al. "Regeneratoion of precious metals in various designed intelligent perovskite ..." SAE Technical Paper Series, SAE World Congres, Detroit Michigan March 4-7, 2002	

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